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**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

**RECEIVED**

Application of: ALLEN *et al.*

Group Art Unit: 1636

Serial No.: 09/816,790

**MAR 06 2003**

Filed: March 22, 2001

Examiner: Qian, Celine X.

For: TRANSGENIC MICE CONTAINING SULFOTRANSFERASE GENE DISRUPTIONS

Attorney Docket No.: R-855  
**TECH CENTER 1600/2900**

**AMENDMENT**

Commissioner for Patents  
Washington, D.C. 20231

Sir:

In response to the Office Action mailed October 23, 2002 in connection with the above-identified application, Applicants request entry and consideration of the following amendments and remarks. Applicants submit concurrently herewith a Petition for the Extension of Time under 37 CFR 1.136(a) for response to the Office Action for a period of one month from January 23, 2003 up to and including February 24, 2003, as February 23, 2003 falls on a Sunday.

**THE AMENDMENTS**

**In the claims:**

Applicants request formal cancellation of claims 11-16 and 22-25, previously withdrawn from consideration by the Examiner, which claims are drawn to non-elected inventions.

Please further cancel pending claims 26-39.

Please add new claims 40-51 as follows:

40. (New) A method of producing a transgenic mouse whose genome comprises a disruption in an endogenous sulfotransferase gene, the method comprising:

(a) introducing a targeting construct into a mouse embryonic stem cell, wherein the targeting construct disrupts the endogenous sulfotransferase gene;

(b) selecting a mouse embryonic stem cell whose genome comprises a disrupted sulfotransferase gene;